

Title (en)

DEPLOYABLE REFLECTOR IN THE FORM OF A REULEAUX TRIANGLE FOR A SPACE OBSERVATION INSTRUMENT

Title (de)

EINSETZBARER REFLEKTOR IN FORM EINES REULEAUX-DREIECKS FÜR EIN RAUMBETRACHTUNGSTRUMENT

Title (fr)

REFLECTEUR DEPLOYABLE EN FORME DE TRIANGLE DE REULEAUX, POUR UN INSTRUMENT D'OBSERVATION SPATIALE

Publication

EP 1922572 B1 20090121 (FR)

Application

EP 06808281 A 20060905

Priority

- FR 2006050842 W 20060905
- FR 0552668 A 20050905

Abstract (en)

[origin: WO2007028923A1] The invention relates to a deployable reflector (RP) for a space observation instrument, comprising a selected number of deployable reflective elements (E1a-E3b) which, once deployed in a first position, together define a reflective surface in the form of a Reuleaux triangle (RD) with a closed convex curve having a width that is constant as a function of the direction.

IPC 8 full level

G02B 5/09 (2006.01); **G02B 23/00** (2006.01); **H01Q 1/28** (2006.01)

CPC (source: EP US)

G02B 5/09 (2013.01 - EP US); **G02B 23/00** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2890454 A1 20070309; FR 2890454 B1 20071012; AT E421705 T1 20090215; CN 101322052 A 20081210; CN 101322052 B 20110316; DE 602006005004 D1 20090312; EP 1922572 A1 20080521; EP 1922572 B1 20090121; ES 2321139 T3 20090602; JP 2009506927 A 20090219; JP 4828607 B2 20111130; US 2009180204 A1 20090716; US 7839567 B2 20101123; WO 2007028923 A1 20070315

DOCDB simple family (application)

FR 0552668 A 20050905; AT 06808281 T 20060905; CN 200680036029 A 20060905; DE 602006005004 T 20060905; EP 06808281 A 20060905; ES 06808281 T 20060905; FR 2006050842 W 20060905; JP 2008528566 A 20060905; US 6585806 A 20060905